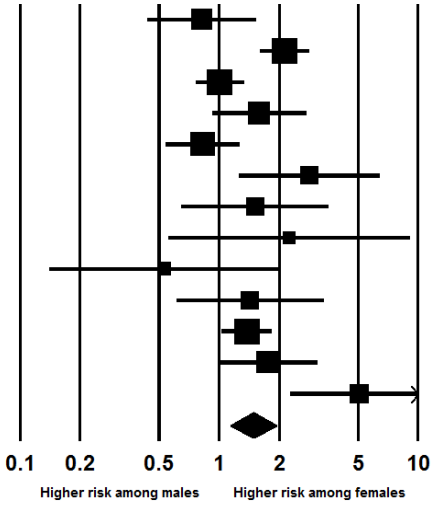
Supplementary file 5 Forest plots for predictors of exiting homelessness

SOCIODEMOGRAPHIC FACTORS

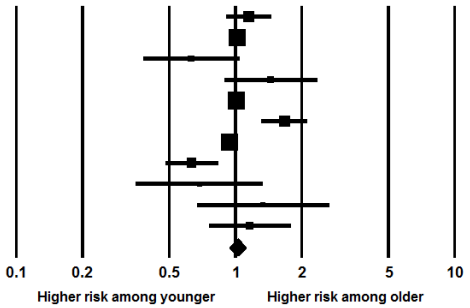
Forest plot 1: Female sex (k=13)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Braciszewski et al. 2016	Both	0.8	0.4	1.5	0.532	7
Byrne et al. 2015	Both	2.1	1.6	2.8	0.000	8
Cheng et al. 2013	Both	1.0	0.8	1.3	0.944	6
Davey-Rothwell et al. 2011	Both	1.6	0.9	2.7	0.094	7
Donley et al. 2017	Both	0.8	0.5	1.3	0.376	3
Dworsky & Piliavin 2000	Both	2.8	1.3	6.4	0.012	9
Greenberg et al. 2006	Both	1.5	0.6	3.5	0.337	6
Hyman 2010	Both	2.3	0.6	9.1	0.255	6
Lettner et al. 2016	Both	0.5	0.1	2.0	0.347	7
Milburn et al. 2009	Both	1.4	0.6	3.3	0.409	8
Roy et al. 2016	Both	1.4	1.0	1.8	0.029	7
Van Straaten et al. 2016	Both	1.8	1.0	3.1	0.053	8
Zlotnick et al. 2003	Both	5.1	2.3	11.2	0.000	9
		1.5	1.1	1.9	0.004	



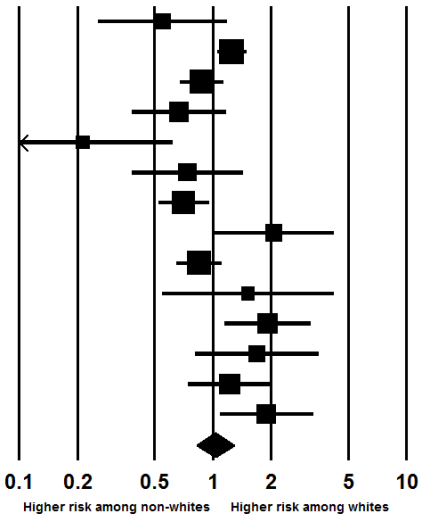
Forest plot 2: Age (k=11)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Braciszewski et al. 2016	Both	1.2	0.9	1.5	0.243	7
Cheng et al. 2013	Both	1.0	1.0	1.1	0.429	6
Cohen et al. 1997	Female	0.6	0.4	1.0	0.071	9
Davey-Rothwell et al. 2011	Both	1.4	0.9	2.3	0.134	7
Dworsky & Piliavin 2000	Both	1.0	1.0	1.0	0.697	9
Greenberg et al. 2006	Both	1.7	1.3	2.1	0.000	6
Lettner et al. 2016	Both	0.9	0.9	1.0	0.023	7
Milburn et al. 2009	Both	0.6	0.5	0.8	0.001	8
Rocha et al. 1996	Both	0.7	0.4	1.3	0.264	7
Spicer et al. 2015	Male	1.3	0.7	2.7	0.411	6
Van Straaten et al. 2016	Both	1.2	0.8	1.8	0.482	8
		1.0	0.9	1.1	0.687	



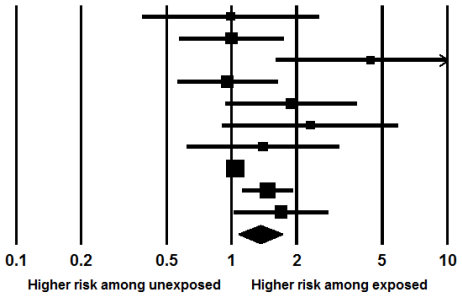
Forest plot 3: White ethnicity (k=14)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Braciszewski et al. 2016	Both	0.5	0.3	1.2	0.124	7
Byrne et al. 2015	Both	1.3	1.1	1.5	0.009	8
Cheng et al. 2013	Both	0.9	0.7	1.1	0.282	6
Cohen et al. 1997	Female	0.7	0.4	1.2	0.158	9
Craig & Hodson 2000	Both	0.2	0.1	0.6	0.004	7
Davey-Rothwell et al. 2011	Both	0.7	0.4	1.4	0.365	7
Donley et al. 2017	Both	0.7	0.5	0.9	0.020	3
Dworsky & Piliavin 2000	Both	2.1	1.0	4.2	0.043	7
Greenberg et al. 2006	Both	0.8	0.7	1.1	0.230	6
Lettner et al. 2016	Both	1.5	0.5	4.2	0.424	7
Rocha et al. 1996	Both	1.9	1.2	3.2	0.012	7
Roy et al. 2014	Both	1.7	0.8	3.5	0.160	6
Van Straaten et al. 2016	Both	1.2	0.7	2.0	0.427	8
Zlotnick et al. 2003	Both	1.9	1.1	3.3	0.024	9
		1.0	0.8	1.3	0.843	



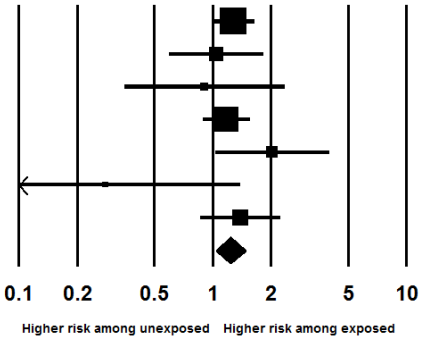
Forest plot 4: Educational attainment/involvement (k=10)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Braciszewski et al. 2016	Both	1.0	0.4	2.5	0.983	7
Cohen et al. 1997	Female	1.0	0.6	1.7	1.000	9
Craig & Hodson 2000	Both	4.4	1.6	12.1	0.004	7
Davey-Rothwell et al. 2011	Both	1.0	0.6	1.6	0.863	7
Dworsky & Piliavin 2000	Both	1.9	0.9	3.8	0.077	9
Epel et al. 1999	Both	2.3	0.9	5.9	0.079	3
Milburn et al. 2009	Both	1.4	0.6	3.2	0.418	8
Rocha et al. 1996	Both	1.0	1.0	1.1	0.317	7
Roy et al. 2016	Both	1.5	1.1	1.9	0.005	7
Van Straaten et al. 2016	Both	1.7	1.0	2.8	0.039	8
		1.4	1.1	1.7	0.010	



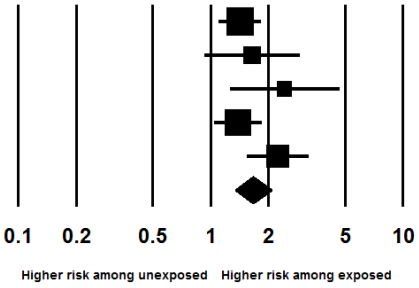
Forest plot 5: Employment (k=7)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Cheng et al. 2013	Both	1.3	1.0	1.6	0.060	6
Cohen et al. 1997	Female	1.0	0.6	1.8	0.886	9
Davey-Rothwell et al. 2011	Both	0.9	0.3	2.3	0.832	7
Donley et al. 2017	Both	1.2	0.9	1.5	0.257	3
Dworsky & Piliavin 2000	Both	2.0	1.0	4.0	0.040	9
Spicer et al. 2015	Male	0.3	0.1	1.4	0.116	6
Van Straaten et al. 2016	Both	1.4	0.9	2.2	0.181	8
		1.2	1.0	1.5	0.019	



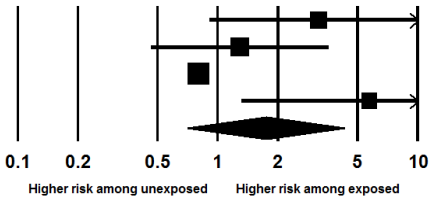
Forest plot 6: Partnered (k=5)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Cheng et al. 2013	Both	1.4	1.1	1.8	0.006	6
Cohen et al. 1997	Female	1.6	0.9	2.9	0.087	9
Davey-Rothwell et al. 2011	Both	2.4	1.3	4.6	0.008	7
Donley et al. 2017	Both	1.4	1.0	1.8	0.022	3
Greenberg et al. 2006	Both	2.2	1.6	3.2	0.000	6
		1.7	1.3	2.1	0.000	



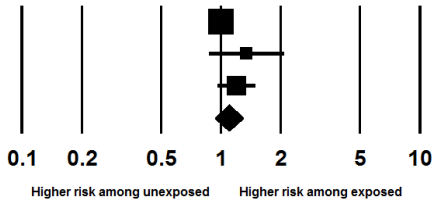
Forest plot 7: Having children (k=4)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Dworsky & Pilliavin 2000	Both	3.2	0.9	11.1	0.070	9
Kemp et al. 2006	Both	1.3	0.5	3.6	0.625	9
Rocha et al. 1996	Both	0.8	0.7	0.9	0.000	7
Van Straaten et al. 2016	Both	5.7	1.3	24.8	0.020	8
		1.7	0.7	4.3	0.230	



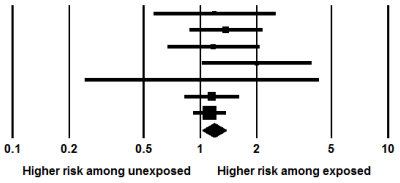
Forest plot 8: Supportive friends (k=3)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Braciszewski et al. 2016	Both	1.0	0.9	1.1	1.000	7
Milburn et al. 2009	Both	1.3	0.9	2.1	0.183	8
Van Straaten et al. 2016	Both	1.2	1.0	1.5	0.096	8
		1.1	0.9	1.3	0.276	



Forest plot 9: Perceived social support (k=7)

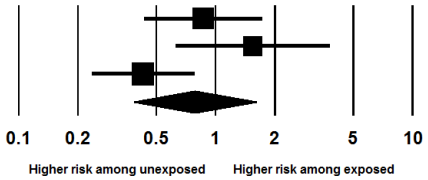
Study name	Sex	Exposure	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Braciszewski et al. 2016	Both	Family cohesion	1.2	0.6	2.5	0.636	7
Cohen et al. 1997	Female	Combined	1.4	0.9	2.1	0.163	9
Davey-Rothwell et al. 2011	Both	Sex partner provided emotional support	1.2	0.7	2.1	0.565	7
Dworsky & Pilliavin 2000	Both	Informal support	2.0	1.0	3.9	0.041	9
Hyman 2010	Both	Combined	1.0	0.2	4.3	0.978	7
Milburn et al. 2009	Both	Combined	1.2	0.8	1.6	0.389	8
Van Straaten et al. 2016	Both	Combined	1.1	0.9	1.4	0.252	8
			1.2	1.0	1.4	0.018	



ADVERSE LIFE EVENTS

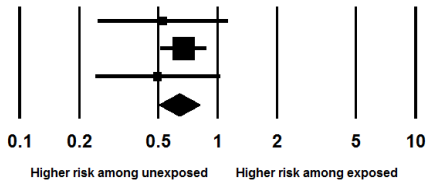
Forest plot 10: Family problems (k=3)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Braciszewski et al. 2016	Both	0.9	0.4	1.7	0.689	7
Cohen et al. 1997	Female	1.6	0.6	3.8	0.340	9
Kemp et al. 2006	Both	0.4	0.2	0.8	0.005	9
		0.8	0.4	1.6	0.508	



Forest plot 11: Relationship problems (k=3)

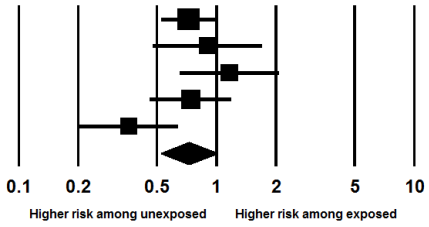
Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Davey-Rothwell et al. 2011	Both	0.5	0.2	1.1	0.099	7
Greenberg et al. 2006	Both	0.7	0.5	0.9	0.003	6
Kemp et al. 2006	Both	0.5	0.2	1.0	0.058	9
		0.6	0.5	0.8	0.000	



SOCIAL MARGINALISATION

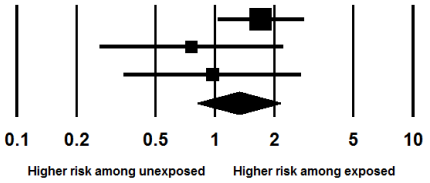
Forest plot 12: History of incarceration (k=5)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Cheng et al. 2013	Both	0.7	0.5	1.0	0.039	6
Cohen et al. 1997	Female	0.9	0.5	1.7	0.747	9
Kemp et al. 2006	Both	1.2	0.7	2.1	0.606	9
Milburn et al. 2009	Both	0.7	0.5	1.2	0.210	8
Van Straaten et al. 2016	Both	0.4	0.2	0.6	0.000	8
		0.7	0.5	1.0	0.052	



Forest plot 13: Sex work (k=3)

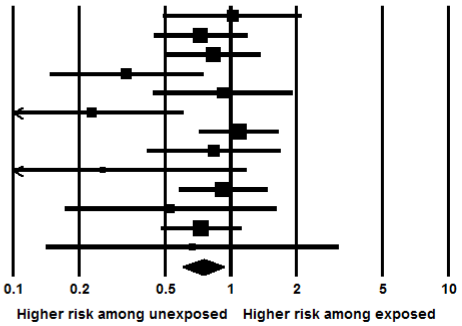
Study name	Sex	Statistics for each study				NOS
		Odds ratio	Lower limit	Upper limit	p-Value	
Cheng et al. 2013	Both	1.7	1.0	2.8	0.037	6
Milburn et al. 2009	Both	0.8	0.3	2.2	0.614	8
Zlotnick & Robertson 1999	Both	1.0	0.3	2.7	0.954	9
		1.3	0.8	2.1	0.259	



PSYCHIATRIC HEALTH PROBLEMS

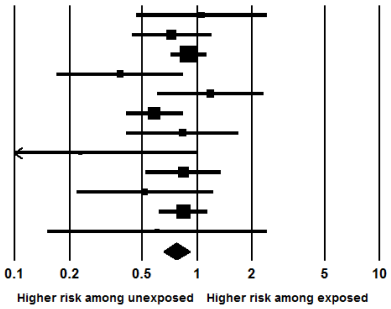
Forest plot 14: Any psychiatric problem (k=13)

Study name	Sex	Exposure	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Braciszewski et al. 2016	Both	Combined	1.0	0.5	2.1	0.957	7
Cheng et al. 2013	Both	Combined	0.7	0.4	1.2	0.210	6
Cohen et al. 1997	Female	Combined	0.8	0.5	1.4	0.474	9
Craig & Hodson 2000	Both	Combined	0.3	0.1	0.7	0.007	7
Dworsky & Piliavin 2000	Both	Combined	0.9	0.4	1.9	0.825	9
Epel et al. 1999	Both	Time spent depressed	0.2	0.1	0.6	0.003	3
Greenberg et al. 2006	Both	Combined	1.1	0.7	1.7	0.691	6
Kemp et al. 2006	Both	Combined	0.8	0.4	1.7	0.619	9
Lettner et al. 2016	Both	Combined	0.3	0.1	1.2	0.080	7
Roy et al. 2014	Both	Combined	0.9	0.6	1.5	0.730	6
Spicer et al. 2015	Male	Combined	0.5	0.2	1.6	0.266	6
Van Straaten et al. 2016	Both	Combined	0.7	0.5	1.1	0.148	8
Zlotnick & Robertson 1999	Both	Combined	0.7	0.1	3.1	0.605	9
			0.7	0.6	0.9	0.007	



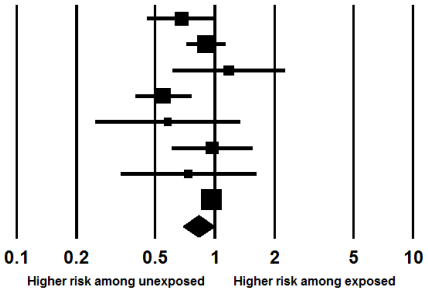
Forest plot 15: Any substance use problem (k=12)

Study name	Sex	Exposure	Statistics for each study				NOS
			Odds ratio	Lower limit	Upper limit	p-Value	
Braciszewski et al. 2016	Both	Substance use diagnosis	1.1	0.5	2.4	0.886	7
Cheng et al. 2013	Both	Combined	0.7	0.4	1.2	0.210	6
Cohen et al. 1997	Female	Alcohol use scale	0.9	0.7	1.1	0.359	9
Craig & Hodson 2000	Both	Chronic substance use disorder	0.4	0.2	0.8	0.017	7
Dworsky & Piliavin 2000	Both	Combined	1.2	0.6	2.3	0.607	9
Greenberg et al. 2006	Both	Combined	0.6	0.4	0.8	0.004	6
Kemp et al. 2006	Both	Combined	0.8	0.4	1.7	0.619	9
Lettner et al. 2016	Both	Substance use	0.2	0.1	1.0	0.052	7
Roy et al. 2014	Both	Combined	0.8	0.5	1.4	0.485	6
Spicer et al. 2015	Male	Combined	0.5	0.2	1.2	0.137	6
Van Straaten et al. 2016	Both	Combined	0.8	0.6	1.1	0.278	8
Zlotnick & Robertson 1999	Both	Combined	0.6	0.2	2.4	0.480	9
			0.8	0.7	0.9	0.002	



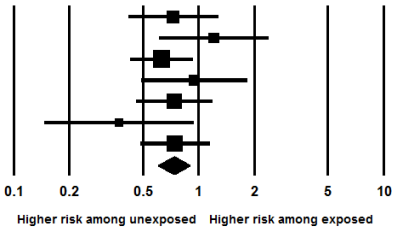
Forest plot 16: Any alcohol use problem (k=8)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Cheng et al. 2013	Both	0.7	0.5	1.0	0.058	6
Cohen et al. 1997	Female	0.9	0.7	1.1	0.359	9
Dworsky & Piliavin 2000	Both	1.2	0.6	2.2	0.627	9
Greenberg et al. 2006	Both	0.5	0.4	0.8	0.000	6
Kemp et al. 2006	Both	0.6	0.3	1.3	0.201	9
Roy et al. 2014	Both	1.0	0.6	1.5	0.893	6
Spicer et al. 2015	Male	0.7	0.3	1.6	0.441	6
Van Straaten et al. 2016	Both	1.0	0.9	1.0	0.010	8
		0.8	0.7	1.0	0.030	



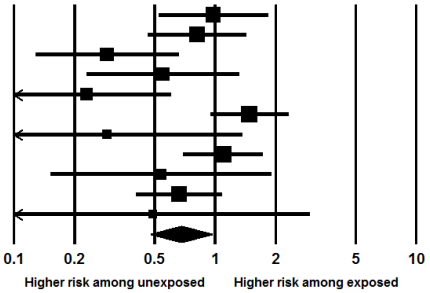
Forest plot 17: Any drug use problem (k=7)

Study name	Sex	Exposure	Statistics for each study				NOS
			Odds ratio	Lower limit	Upper limit	p-Value	
Cheng et al. 2013	Both	Combined	0.7	0.4	1.3	0.264	6
Dworsky & Piliavin 2000	Both	Drug dependence	1.2	0.6	2.4	0.589	9
Greenberg et al. 2006	Both	Drug abuse/dependence	0.6	0.4	0.9	0.019	6
Kemp et al. 2006	Both	Combined	0.9	0.5	1.8	0.866	9
Roy et al. 2014	Both	Drug abuse	0.7	0.5	1.2	0.209	7
Spicer et al. 2015	Male	Drug dependent	0.4	0.1	0.9	0.035	6
Van Straaten et al. 2016	Both	Days cannabis use past 30 days	0.7	0.5	1.1	0.176	8
			0.7	0.6	0.9	0.002	



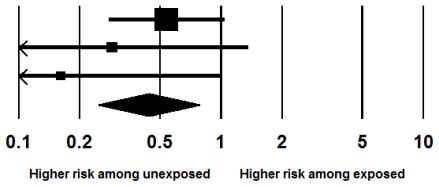
Forest plot 18: Any mental illness (k=11)

Study name	Sex	Exposure	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Braciszewski et al. 2016	Both	Mental health diagnosis	1.0	0.5	1.8	0.950	7
Cohen et al. 1997	Female	Combined	0.8	0.5	1.4	0.468	9
Craig & Hodson 2000	Both	Conduct disorder	0.3	0.1	0.7	0.003	7
Dworsky & Piliavin 2000	Both	Mental disorder	0.5	0.2	1.3	0.177	9
Epel et al. 1999	Both	Time spent depressed	0.2	0.1	0.6	0.003	3
Greenberg et al. 2006	Both	Combined	1.5	0.9	2.3	0.083	6
Lettner et al. 2016	Both	Psychosis	0.3	0.1	1.4	0.116	7
Roy et al. 2014	Both	Mental health problems	1.1	0.7	1.7	0.698	6
Spicer et al. 2015	Male	Combined	0.5	0.2	1.9	0.333	6
Van Straaten et al. 2016	Both	Combined	0.7	0.4	1.1	0.100	8
Zlotnick & Robertson 1999	Both	Combined	0.5	0.1	2.9	0.436	9
			0.7	0.5	1.0	0.030	



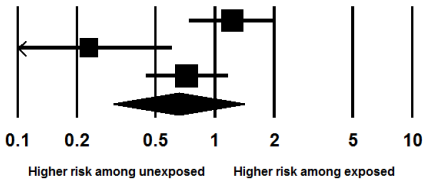
Forest plot 19: Any psychotic disorder (k=3)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Cohen et al. 1997	Female	0.5	0.3	1.0	0.066	9
Lettner et al. 2016	Both	0.3	0.1	1.4	0.116	7
Spicer et al. 2015	Male	0.2	0.0	1.0	0.050	6
		0.4	0.2	0.8	0.005	



Forest plot 20: Any affective disorder (k=3)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Cohen et al. 1997	Female	1.2	0.7	2.0	0.427	9
Epel et al. 1999	Both	0.2	0.1	0.6	0.003	3
Van Straaten et al. 2016	Both	0.7	0.4	1.2	0.174	8
		0.7	0.3	1.4	0.271	



Forest plot 21: Any anxiety disorder (k=3)

Study name	Sex	Odds ratio	Lower limit	Upper limit	p-Value	NOS
Greenberg et al. 2006	Both	2.3	1.3	4.2	0.005	6
Spicer et al. 2015	Male	1.1	0.4	2.9	0.862	6
Van Straaten et al. 2016	Both	0.6	0.4	1.0	0.060	8
		1.2	0.5	2.8	0.743